

SOUTH PRODUCTION NOTES

**December 2, 2013
Morning Shift**

**BASF EMPLOYEES
151 Last Recordable
170 Last Lost Time**

Alumina Gel and building 9 are regulated areas due to Vanadium

#1 MED A-520: Trial. Will resume on Monday.

#1 RC / A-520: Trial.

Exhaust to Trimer

Afternoon shift: No change.

Midnight shift: No updates. Line up set up to man this extruder in the morning.

#2 MED line/ D-0768: On hold. ANY WET MIX GENERATED NEEDS TO BE ADDED BACK INTO THE MIXER.

Afternoon shift: Ran out 1 batch that was mixed and moved manpower elsewhere. Down until we can get the calciner started up.

Midnight Shift Update: Did not run the line – too many bags and calciner not running yet.

#2 RC/ D-0768: A work order was written Wednesday morning to have a 5" dam installed on the calciner.

Day shift: Granulator moved to #2 RC, need to connect. Also, still need maintenance to install dam.

Afternoon shift: 4 mesh screen installed on granulator.

Midnight Shift Update: No changes. Waiting for maintenance to install 5" dam.

Exhaust to F1

Tank 7 / Empty and Clean: Tank is rinsed and toted off.

Midnight Shift Update: No change from afternoon shift.

Day shift: No change

Afternoon shift: No change.

Midnight Shift: No change.

Old Pfaudler D-0756: Done. Pfaudler has been acid washed.

Day shift: No change. Confirm with engineers/production team Monday morning regarding start-up date for D-0756.

Midnight shift Update: No update. Waiting for additional instructions.

#3 MED Dryer / D-1794 NAQ: All totes have been fed. Will need a clean up around the discharge of the dryer. We will be restarting this line week of Dec 2 (this week).

#3 RC / D-1795 NAQ: The last 2 bags are being fed late on afternoon shift. **NOTE:** There are also 4 drums of contaminated undried material – these drums are not to be fed.

Exhaust to CTO

Day shift: Lowering temps on calciner to feed the three calcined Chevron bags.

Afternoon shift: preparing to feed the last 2 bags late on 2nd shift

Midnight Shift Update: All bags have been fed as instructed. Material will continue to exit calciner into first shift. Additionally, material in the #3 mixer will have to be removed – dried up – before re-starting line.

#4 RC / D-5206: Continue feeding as material is available.

Exhaust to 4 DC

Day shift: Continue to feed as material available.

Afternoon shift: Continued to run.

Midnight Shift Update: Continue to feed. We will catch up to the national dryer at the end of midnight shift or beginning of first shift.

National Dryer / 5206 : Continue to feed as batches come from the abbe.

Day shift: continue to feed as material available.

Afternoon Shift: Continued feeding. Batches from day shift were wet and are hanging up in the hopper.

Midnight Shift Update: Continue to feed as material is available. Abbe will not run on first shift – contractors.

Abbe Blender / D-5206: Continue to run through the weekend.

Day shift: Continue on. Remember - day shift Monday we will not be able to run due to contractor work in HC-11.

Afternoon shift: Continued to run. Will need to keep an eye on the batches in the national to see if they continue to be wet. We may have to evaluate whether or not to clean the screen if batches continue to be too wet.

Midnight Shift Update: Continued to run.

#5 RC / 1520: Calciner is running. Keep in mind that this is a regulated area. **Wear your respirators – Vanadium.**

Exhaust to Trimer

Day shift: Continue feeding, no issues.

Afternoon shift: Continued feeding.

Midnight Shift Update: Continued to run without issues.

HC-11 Tanks / 1520: Continue making solution batches in 4 tank, and transfer to 6 tank when ready.

Day shift: Solution was transferred late midnight shift to 6 tank. Need next solution tank made in 4 tank (extra personnel coming in 3:00 am from C shift!).

Afternoon shift: No change. Operator scheduled to make a batch on midnight shift.

Midnight Shift Update: Making a new solution tank in T-4.

PK Blender / 1520: Continue to run. Remember this area is now regulated due to Vanadium. When we get to batch 101 we will need to change to unloading into different bags. They will be 67004945 or 906111. They will need to be cleaned and weighed. We will need to track these bags and weights on a sheet.

Day shift: Continue making batches using the 111 bags, and continue with the instructions above.

Afternoon shift: made 2 batches and sent operator to hc-11 to fill copper nitrate tank to free up totes for the copper department.

Midnight Shift Update: Continuing to run and sending finished product, per note at the PK, to the railshed instead of the 509 drop.

New Pfaudler / Cleaned for BE-0101: The first 2 batches were made Saturday

Afternoon shift and have been taken to the tunnel kilns.

Day shift: Began loading later 7-3 shift after fixing the car puller relay switch arm, then confirmed loading instructions with Noemi (loading 5 saggars, not 4 as Jack Pettry indicated on Saturday). We will be unloading directly to open top bags with the first two batches, then analyze and make decision on when to install screener. Will have more information on Monday.

Afternoon shift: Continued to load.

Midnight Shift Update: No update as we are not making another batch until results from testing come back from the lab.

#6 DRYER - RC / clean for 0756: Will need to finish with a final vacuum on the dryer of the 5202 material and begin reassembly of the dryer/screener/calcliner. We will also need the discharge set up.

Exhaust to Sly Scrubber

Day shift: No change, need to assign extra person/people coming in on 11-7 shift (at 3:00 am) to finish dryer vacuuming and final assembly.

Afternoon shift: No change. Operators assigned on midnight shift.

Midnight Shift Update: Personnel working on getting the dryer and calciner buttoned up and the screens in place.

Tower 3 / Cu-0860: Loaded and running .

Afternoon shift: Tower was unloaded and reloaded with lot 244.

Midnight Shift Update: Loaded and running

Tower 6 / Cu-0860: Tower is loaded and running.

Day shift: Continue on.

Afternoon shift: No change. Approximately 1 more day.

Midnight Shift Update: No change.

Harrop Kiln - Al-3921 T 3/16": Continue running. The automatic pusher at the cool down zone in the Kiln still not working. It appears as if the clutch is disengaging while pushing carts. Work notification written for one of the blowers on the kiln (#5 blower stopped working). Still operable, but maintenance needs to see Tower operator for more information.

Day shift: Continue on.

Afternoon shift: Continued on. A work order was written to have the secondary coupler for the drive unit tightened up.

Midnight Shift Update: Continuing to run.

North Screener / Cu-0860: Continue on.

Day shift: Continue on.

Afternoon shift: Continued on.

Midnight Shift Update: Still running.

South Screener /E-406: on hold. If we continue to man the North screener on all shifts we should not have to switch this screener over to Cu0860.

Day shift: Per midnight shift GLs request, will ask Grodecki Monday morning for guidance on south screener.

Afternoon shift: No change.

Midnight Shift Update: No change at this time; waiting for answer to the above question.

#2662 Pill Machine / Al-3917 3/16: Finished.

#2664 Pill Machine / Al-3917 3/16: Finished.

Day shift: out of pill mix on 2662; 2664 should run out sometime afternoon shift Sunday.

Break down and clean both machines, then hold for instructions on next material.

Afternoon shift: Continued on running 2664.

Midnight Shift Update: All pill mix exhausted.

Tunnel Kiln #2 / AI-3921: Continue feeding. May make a decision to stop by early next week, or finish feeding all of the bags (decision by Monday morning). As of mid-day Friday, 11 full bags and 1 partial to feed.

Midnight Shift Update: Continuing to run.

Day shift: Continue on...will decide on Monday when or whether to stop kiln so screener can be used on #4 tunnel kiln.

Afternoon shift: Continued on.

Tunnel Kiln #4 / BE-0101: The first batch was made on the pfaunder during afternoon shift. Begin loading on midnight shift. Will also need to "steal" the Sweco screener from #2 kiln...to be determined when this will occur.

Day shift: Started loading late 7-3 shift after car puller relay switch was repaired. Follow MOD and continue loading. Will unload into open top bags, analyze, then decide on when to move screener from #2 to #4.

Afternoon shift: Continued on loading.

Midnight Shift Update: Continuing to load. Open top bag already set up and ready when we start to unload.